

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of:

Atsushi WATANABE et al.

Serial No.

Group Art Unit:

Confirmation No.

Filed:

Examiner:

For: OPERATION STATE ANALYZER FOR ROBOT

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

Before examination of the above-identified application, please amend the application as follows:

**IN THE CLAIMS:**

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND claims 6 and 8 and ADD new claims 9-15 in accordance with the following:

1. (original) An operation state analyzer for analyzing an operation state of a robot, comprising:

image capturing means for acquiring image information representing images of the robot in operation;

internal information acquiring means for acquiring internal information of the robot including information on a state of input/output signals and a state of motion of the robot;